

PADRE ISLAND NATIONAL SEASHORE

PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by **Padre Island National Seashore**. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the Monthly Public Use Report, 10-157.

Recreation Visits

An inductive loop traffic counter is installed on the southbound lane of State Highway 22, north of the fee collection station. The traffic count is reduced for the crossing of non-reportable vehicles and turnarounds (1000 per month), non-recreation vehicles (150 per month) and buses. The reduced vehicle count is multiplied by the current persons-per-vehicle multiplier (PPV) of 2.7.

An inductive loop traffic counter is installed on the westbound lane, of North Beach access road. The traffic count is adjusted for duplicate counting by multiplying the traffic count by sixty-five percent (0.65). The adjusted vehicle count is multiplied by the current PPV of 2.7.

The actual count of bus visitors as reported by the fee collection station.

The number of boats entering the park are estimated as 280 per month for April through October; and 52 per month for November through March. The number of boats are multiplied by the persons-per-boat multiplier of 2.5.

Total recreation visits are the sum of A, B, C, and D.

Non-recreation Visits

Non-recreation visits are estimated as 150 visitors per month.

Recreation Visitor Hours

The number of recreation visits is multiplied by five hours (5.0 hours) per visit.

The number of overnight stays is multiplied by eighteen hours (18.0 hours).

Total recreation visitor hours are the sum of A and B.

Non-recreation Visitor Hours

Non-recreation visitor hours are estimated as 1200 hours per month.

Overnight Stays

NPS Campgrounds - Malaquite Beach, Bird Island Basin, North Beach and South Beach

The actual number of tent or RV sites occupied is multiplied by the current persons-per-site multiplier of 2.7.

NPS Backcountry - 4X4 Vehicles and Boats

Visitors staying overnight via 4X4 vehicles, are estimated as 300 vehicles for November through March; and 500 vehicles for April through October. The vehicle counts are multiplied by the PPV multiplier of 2.7.

Visitors entering the backcountry area via boat, are estimated by taking a daily count of boat trailers at Bird Island Basin each morning and multiplying the trailer count by one and one-quarter percent (0.0125).

NPS Miscellaneous - Group Camp and persons aboard boats

Visitors staying aboard boats overnight are estimated by taking a count of boat trailers at Bird Island Basin each morning and multiplying the trailer count by five percent (0.05).

Special Use Data

- Line a. Bird Island Basin (BIB) campers
- Line b. North Beach (NB) campers
- Line c. South Beach (SB) campers
- Line d. 4X4 campers
- Line e. Overnights from boats
- Line f. Organized groups
- Line n. The number of tour buses